

notre dame report

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the university

osha committee christmas recommendations

The O.S.H.A. Central Committee of the University has unanimously recommended that the use of natural evergreen trees and/or branches of same as Christmas decorations be prohibited in all residences and other interior areas of the University. The committee suggests the use of fireproof artificial trees and trimmings where such Christmas decorations are desired. The committee has requested the cooperation of the officers, deans, chairmen and department heads and all employees of the University in carrying out this safety precaution in their specific areas.

first leadership workshop for new bishops

Forty-nine recently named U.S. bishops have been invited to come to Notre Dame and participate in the first leadership workshop designed specifically and only for new bishops.

The first Consultation for Episcopal Leadership, entitled "The Ministry of the Bishop--Leadership and Mutuality," is sponsored by the Center for Pastoral and Social Ministry and will be held June 16-26, 1980.

According to Msgr. John J. Egan, the center's director, "It has been carefully fashioned in response to the desires expressed by the majority of new bishops when they answered our initial inquiry."

The emphasis will be on leadership skills grounded in theology, spirituality and the behavioral sciences. The resource team conducting the workshop includes theologians; liturgists, management and organizational specialists, a canon lawyer, a sociologist and a developmental psychologist. The structure also allows for personal and professional sharing among the participating bishops through small reflection groups.

Volume 9, No. 7

Notre Dame Report (USPS 707-080) is an official publication published fortnightly during the school year, monthly in summer, by the University of Notre Dame, Department of Information Services. Second-class postage paid at Notre Dame, Indiana.

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dean hogan to retire

Joseph C. Hogan, dean of the College of Engineering and professor of electrical engineering, will resign from his position as dean in the summer of 1981. Hogan became the seventh dean of engineering in 1967. According to Provost Timothy O'Meara, Hogan "has been a tough and dynamic leader, one who has accomplished essentially all he set out to do and now believes the time has come for new blood in the leadership of the college and new challenges for himself."

O'Meara will be appointing a search committee soon.

change in nd report deadline schedule

The copy deadlines for the remaining issues of this year's Notre Dame Report have been moved forward to allow more time for layout and printing (from Monday to the preceding Wednesday). The publication dates will remain the same, however. Both sets of deadlines are listed below.

Also, please be reminded that any notices for the "Current Publications" section of the report should be sent to Mike Pinter, Office of Advanced Studies, 314 Administration Bldg., NOT to Chris Meehan.

Number	Copy Deadline	Publication Date
9	Jan. 2, 1980	Jan. 18, 1980
10	Jan. 16	Feb. 1
11	Jan. 30	Feb. 15
12	Feb. 13	Feb. 29
13	Feb. 27	March 14
14	March 12	March 28
15	April 2	April 18
16	April 16	May 2
17	April 30	May 16
18	May 21	June 6
19	June 11	June 27
20	July 9	July 25
Index	-----	Aug. 22

memorial library hours christmas vacation

Dec. 20, 1979-Jan. 14, 1980

Dec. 20-21
1st and 2nd floors 8 a.m.-5 p.m.
4th through 13th floors 8 a.m.-10 p.m.

Dec. 22
1st and 2nd floors Closed
4th through 13th floors 8 a.m.-10 p.m.

Dec. 23
1st and 2nd floors Closed
4th through 13th floors 1 p.m.-10 p.m.

Dec. 24-25
Memorial Library Closed

Dec. 26-29
1st and 2nd floors 8 a.m.-5 p.m.
4th through 13th floors 8 a.m.-5 p.m.

Dec. 30
Memorial Library Closed

Dec. 31
1st and 2nd floors Closed
4th through 13th floors 8 a.m.-5 p.m.

Jan. 1
Memorial Library Closed

Jan. 2-14
1st and 2nd floors
Monday - Saturday 8 a.m.-5 p.m.
Sunday Closed
4th through 13th floors
Monday - Saturday 8 a.m.-10 p.m.
Sunday 1 p.m.-10 p.m.

The Science and Engineering Libraries will also vary their schedule during the interim, and their hours will be posted at the libraries.

All libraries will return to their regular schedule on Tuesday, Jan. 15.

faculty notes

honors

Robert L. Amico, professor and chairman of architecture, was elected to the state board of directors of the Indiana Society of Architects representing the Northern Indiana Chapter of the American Institute of Architects as the result of the 1979 Central Regional meeting of the AIA held on Nov. 9-11, in Louisville, Ky.

Francis J. Castellino, dean of the College of Science and professor of chemistry, has received the Akron Section of the American Chemical Society research prize for 1979.

Rev. John S. Dunne, C.S.C., professor of theology, has been appointed a consultant to the Vatican's Secretariat for Non-Christians by Pope John Paul II.

Richard A. Emge, assistant professional specialist and assistant director of the Center for Continuing Education, was elected chairman of Region IV of the National University Extension Association (NUEA) and was recently elected chairman of the Indiana Council for Continuing Education.

Astrik L. Gabriel, part-time professor emeritus in the Medieval Institute and director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection, was one of the scholars invited to the French National Archives on Nov. 10 to pay homage to Charles Samaran, former director of the archives. Gabriel has also been chosen to be a member of the Institute for Advanced Study, Princeton, N.J., during the second semester of the current academic year.

Robert E. Gordon, vice president for advanced studies and professor of biology, has been invited to serve a four-year term on the Ecology Committee of the Science Advisory Board of the U.S. Environmental Protection Agency. Gordon also has been reelected to a third three-year term as a trustee and elected vice president of the Argonne Universities Association.

Stephen D. Kertesz, professor emeritus of government and international studies, was awarded the degree of Doctor of Humane Letters (Honoris Causa) by Saint Michael's College, Winooski, Vt., in a special convocation on Nov. 14.

Lloyd H. Ketchum, Jr., associate professor of civil engineering, received the annual award for the Most Outstanding Paper Presented by a Member of the Indiana Water Pollution Control Association, presented at the 43rd Annual Conference in Indianapolis on Nov. 13.

Robert C. Nelson, assistant professor of aerospace and mechanical engineering, has been appointed a member of the national organization of the American Institute of Aeronautics and Astronautics (AIAA) Atmospheric Flight Mechanics Technical Committee.

Kenneth F. Ripple, associate professor of law and director of the White Center for Law, Government and Human Rights, has been appointed to the 12-member American delegation for the Anglo-American Judicial Exchange. The delegation is composed of justices of the Supreme Court,

judges of other courts and several members of the bar who will spend several weeks in England observing English judicial proceedings and meeting with their English counterparts. After a similar English trip to the United States, both delegations will meet to discuss how aspects of one judicial system might improve the other.

Roland B. Smith, Jr., director of the Upward Bound Program and associate professional specialist in the Institute for Urban Studies, was elected president of the Indiana Chapter of the Mid-America Association of Educational Opportunity Program Personnel for 1980.

Eugene C. Ulrich, associate professor of theology, has been appointed editor of the Bulletin of the International Organization for Septuagint and Cognate Studies.

Edward Vasta, professor of English, was named by the National Endowment for the Arts to receive a 1979-80 fellowship for poets, playwrights, and writers of fiction and other creative prose.

A. Peter Walshe, professor of government and international studies and director of the African Studies Program, has been elected to a Senior Fellowship at St. Edmund House, University of Cambridge, Cambridge, England, where he will spend part of his sabbatical year.

activities

D. Chris Anderson, professor of psychology, R. Ramirez and T. Bernhardt co-authored a paper, "Between-Groups Reductions Over Trials of US Intensity and of US Percentage as Determinants of the Extinction of Fear with A CER, On-the-Baseline Procedure" that was presented at the Psychonomic Society 20th annual meeting in Phoenix, Ariz., on Nov. 10.

Hafiz Atassi, professor of aerospace and mechanical engineering, presented three papers at the 1979 annual meeting of the Division of Fluid Dynamics of the American Physical Society at Notre Dame's CCE, Nov. 18-20: "Interaction of a Small 3-D Gust Disturbance with an Airfoil," "Ground Effect on a Borda Mouthpiece Flow" (co-authored with W.H. Newman), and "Unsteady Flow Past an Airfoil with Thickness Subject to a Two-Dimensional Gust" (co-authored with G. Hamad).

Subhash C. Basu, associate professor of chemistry, chaired the symposium on "Biochemistry of Cell Surface Glycolipids" held at the 178th American Chemical Society National Meeting held in Washington, D.C., Sept. 10-14. A symposium paper co-authored with Dr. Manju Basu, "Biosynthesis of Blood Group Related Glycosphingolipids in Primate and Nonprimate Tumor Cells" was also

presented there.

Stephen M. Batill, assistant professor of aerospace and mechanical engineering, presented a paper, "Flow Visualization of Boundary Layer Transition Using the Smoke Wire Technique" with Thomas J. Mueller, processor of aerospace and mechanical engineering, at the 1979 annual meeting of the Division of Fluid Dynamics of the American Physical Society at Notre Dame's CCE, Nov. 18-20.

Gene M. Bernstein, assistant professor of English, delivered a lecture on "The Wordsworthian Poet: Pigmy, Prophet and Seer Blest," for the Evolutionary Images of Humanity Series cosponsored by the National Endowment for the Humanities and the College of Arts and Letters, University of Notre Dame, Sept. 18.

Robert Betchov, professor of aerospace and mechanical engineering, presided at a session on "Turbulence Structure" at the 1979 annual meeting of the Division of Fluid Dynamics of the American Physical Society held at Notre Dame's CCE, Nov. 18-20.

John G. Borkowski, professor of psychology, and V. Peck co-authored a paper, "Children's Strategy Transfer: Influences of Impulsivity and Meta-memory," that was presented at the 20th annual meeting of the Psychonomic Society, Phoenix, Ariz., on Nov. 9.

Rev. David B. Burrell, C.S.C., chairman and professor of theology and professor of philosophy, delivered the Thomas Merton Lecture, "On Divine Foolishness" at Columbia University, New York City, on Nov. 15.

Stephen R. Carpenter, assistant professor of biology, presented a seminar, "Internal Loading of Hard-Water Eutrophic Lake by Macrophyte Decay," on Dec. 3, to the Department of Biology, Indiana University, Bloomington, Ind.

Francis J. Castellino, dean of the College of Science and professor of chemistry, lectured on the "Structure and Activation of the Human Fibrinolytic System" during the award ceremonies in which he was presented with the Akron Section Award of the American Chemical Society, in Akron on Nov. 15. Castellino lectured on "The Biochemistry of Blood Coagulation" at the Firestone Tire and Rubber Company, Akron, Ohio, also on Nov. 15. The next day he presented a short one-credit course on "Recent Advances in Blood Coagulation and Fibrinolysis" for physicians in Akron as a visiting professor at Akron City Hospital.

Anton-Hermann Chroust, part-time professor emeritus of law and philosophy, spoke on "An Outline for a Reconstruction of Aristotle's Lost Dialogue 'On Philosophy'" at the University of Würzburg,

West Germany, on June 2. On June 9 Chroust presented a seminar on "Reconstructing the Lost Works of Aristototle" at the University of Innsbruck, Austria. On Oct. 12 Chroust spoke on "The Influence of Old-Iranian Zoroastrian Religious Teachings on Plato and Aristotle," at the University of Innsbruck. (Editor's note: this notice was omitted from an earlier issue.)

George B. Craig, Clark Professor of biology, gave the 43rd Charles Franklin Craig lecture, "Incriminating the Vector Species is Not Enough: the Problem of Variability in Vector Competence" at the American Society of Tropical Medicine meeting held in Tucson, Ariz., Nov. 13-17. Craig also presented a paper, "The Effect of Ascocystis on Longevity of *Aedes Triseriatus*" at the annual meeting of the Entomological Society of America held in Denver, Nov. 25-30.

Thomas P. Cullinane, associate professor of aerospace and mechanical engineering, chaired a session on "Facility Planning and Design" at the fall conference of the American Institute of Industrial Engineers held in Houston, Tex., Nov. 15-16.

James M. Daschbach, professor of aerospace and mechanical engineering, lectured on "Management Information Systems of the Future" at the annual Acquisition Management Information System Conference held at Wright-Patterson Air Force Base, Ohio, on Nov. 29.

Fabio B. Dasilva, professor of sociology and anthropology, presented a paper, "Deconstructing the Structuralist Activity: A View from Praxis" at the Fourth Annual Conference on the Current State of Marxist Theory at the University of Louisville, Ky., on Nov. 15.

Walter R. Davis, professor of English, presented a seminar on "The Alchemy of the Ripley Scroll" and lectured on "The Way of Individuation in the Scientific Mysticism of Alchemy" which together formed the Mead-Swing Lecture in Science and Religion at Oberlin College, Oberlin, Ohio, on Nov. 29.

Leo A. Despres, chairman and professor of sociology and anthropology, delivered a paper, "Ethnicity: Theory and the Analysis of Political Domains," at a symposium on "Ethnic Identity: Conceptual Bases and Applications" at the meetings of the American Anthropological Association in Cincinnati, Nov. 29.

Msgr. John J. Egan, special assistant to the President and director of the Center for Pastoral and Social Ministry, served on a panel discussing the future of community organizations at the Community Organizers National Retreat held in New Orleans, Nov. 19-20.

Astrik L. Gabriel, part-time professor emeritus in the Medieval Institute and director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection, represented the University and its Medieval Institute while serving as a corresponding member of the French Academy of Sciences at its special session honoring the

100th birthday of Charles Samaran, Nov. 9, in Paris.

Sonia G. Gernes, assistant professor of English, read her own poetry at a program of Midwest Women Writers at the MMLA conference in Indianapolis on Nov. 8. On Nov. 14, Gernes and John Matthias, associate professor of English, gave a joint poetry reading at the University of Northern Michigan in Marquette.

Elizabeth Gilbert, assistant professor of sociology and anthropology, presented a paper, "Public Opinion versus Official Statistical Prevalence Rates of Hazardous Jobs" at the 1979 annual meeting of the American Public Health Association, New York City, Nov. 8.

Paul R. Grimstad, assistant faculty fellow in biology, presented a paper, "Encephalites in Indiana: A Serosurvey of 10,000 Hoosiers for SLE, LAC, WEE AND EEE" at the American Society of Tropical Medicine meeting held in Tucson, Ariz., Nov. 13-17.

Ronald Hellenenthal, assistant professor of biology, presented a seminar, "The Use of the Computer in Entomology" to the Biology Department of Indiana University, South Bend on Nov. 3.

Larry R. Hilburn, postdoctoral research trainee, presented a paper co-authored with K.S. Rai, professor of biology, entitled "Electrophoretic Examination of Intersexuality in Backcrosses of *Aedes Aegypti* and *Aedes Mascaransis* at the annual meeting of the Entomological Society of America held in Denver, Nov. 25-30.

Stephen D. Kertesz, professor emeritus of government and international studies, spoke on "The American Contribution to Diplomacy" at a symposium on "The Future of American Foreign Policy" at Saint Michael's College, Winooski, Vt., on Nov. 14.

Donald W. Kline, assistant professor of psychology, and D.C. Burdick co-authored a paper, "The Estimation of Short-Time Intervals as a Function of Age, Institutionalization, Metronome Pacing and Strategy" that was presented for the Gerontological Society in Washington, D.C., on Nov. 29.

John W. Lucey, associate professor of aerospace and mechanical engineering, appeared on CAMPUS VIEW-WNDU TV on Dec. 2, to discuss the report of the President's Commission on the Three Mile Island accident and the press coverage of the accident.

John E. Matthias, associate professor of English, and Sonia Gernes, assistant professor of English, gave a joint poetry reading at the University of Northern Michigan at Marquette, Nov. 14.

Thomas J. Mueller, professor of aerospace and mechanical engineering, and Robert C. Nelson, assistant professor of aerospace and mechanical engineering, presented a paper, "A Visual Study of Boundary Layer Transition on an Axisymmetric Body" (co-authored with J.T. Keegelman) at the

1979 annual meeting of the Division of Fluid Dynamics of the American Physical Society at Notre Dame's CCE, Nov. 18-20. Also Mueller and Stephen Batill, assistant professor of aerospace and mechanical engineering, presented a paper, "Flow Visualization of Boundary Layer Transition Using the Smoke Wire Technique" at the same conference.

Leonard E. Munstermann, postdoctoral fellow in biology, presented a paper, "Isozyme Variation and Genetic Distance among Members of the *Aedes triseriatus* Group," at the Entomological Society of America national meeting, held Nov. 25-30 in Denver.

James G. Neal, associate librarian, spoke at a seminar sponsored by the Indiana Area Library Services Authority at Indiana University-South Bend about the impact on libraries of the Library of Congress decision to adopt the new second edition of the Anglo-American Cataloguing Rules and close its card catalog, Nov. 19.

Victor W. Nee, professor of aerospace and mechanical engineering, presided at a Supplementary Session at the 1979 annual meeting of the Division of Fluid Dynamics of the American Physical Society held at Notre Dame's CCE, Nov. 18-20.

Robert C. Nelson, assistant professor of aerospace and mechanical engineering, and Thomas Mueller, professor of aerospace and mechanical engineering, presented a paper, "A Visual Study of Boundary Layer Transition on an Axisymmetric Body" (co-authored with J.T. Kegelmann) at the 1979 annual meeting of the Division of Fluid Dynamics of the American Physical Society at Notre Dame's CCE, Nov. 18-20.

Rev. Frank R. Podgorski, visiting associate professor of theology, gave the Townsend Lecture at Kean College, Union, N.J. on Nov. 15: "Mysticism: East/West: Are the Paths One and the Same?"

Karamjit S. Rai, professor of biology, presented a paper, "Meiotic Cytology of *Aedes* Mosquitoes" at the Entomological Society of America annual meeting held in Denver, Nov. 25-30. Rai co-authored another paper with L.J. Szymczak, a graduate student, "Meiotic Analysis of Interspecific Hybrids between *Aedes Atropalpus* and *Aedes Epactius* (Diptera: Culicidae) that was presented at the same meeting.

Ellen B. Ryan, chairman and associate professor of psychology, co-authored a paper with G.W. Ledger, "Children's Awareness of Sentence Grammaticality" that was presented at the 20th annual meeting of the Psychonomic Society, Phoenix, Ariz., on Nov. 8.

Thomas J. Schlereth, associate professor of American studies, delivered a paper, "Artisans and Craftsmen, A Historical Perspective" at the Winterthur Library and Museum/University of

Delaware Conference on "The Craftsman in Early America," Winterthur, Del., Nov. 8.

Steven R. Sims, postdoctoral research associate in biology, presented a paper, "Diapause Genetics of the *Aedes triseriatus* Species Group," at the Entomological Society of America national meeting, held Nov. 25-30, in Denver.

Roger B. Skurski, associate professor of economics, chaired a panel on "The Soviet Consumer Sector" and presented a paper, "The Consumer in Soviet Economic Development" at the national meetings of the American Association for the Advancement of Slavic Studies held in New Haven, Conn., on Oct. 10.

Charles W. Snyder, assistant professional specialist of psychology, J.T. Cacioppo, N. Monyak and L. Alvarez, co-authored a paper, "Effects of Cranial Vaso Constriction and Paced Respiration on Migraine" that was presented at the Society for Psychophysiological Research meeting held on Oct. 18 in Cincinnati, Ohio.

William C. Strieder, associate professor of chemical engineering, presented two papers, "Effective Thermal Conductivity of a Two-Phase Material" and "Surface Diffusion in a Porous Medium" at the American Institute of Chemical Engineers national meeting in San Francisco, Nov. 28.

Albin A. Szewczyk, chairman and professor of aerospace and mechanical engineering, served as chairman and presented a paper, "Experimental Study of Bluff Body in Highly Turbulent Flow" (co-authored with C. Fiscina) at the 1979 annual meeting of the Division of Fluid Dynamics of the American Physical Society held at Notre Dame's CCE, Nov. 18-20.

Anthony M. Trozzolo, Huisking Professor of chemistry, lectured on "Oxidative Photodegradation of Polymers" at the Goodyear Research Center in Akron, Ohio, on Nov. 15. Trozzolo also spoke on "Castellino, the Man" as part of the Akron Section Award Program honoring Francis J. Castellino, dean of the College of Science and professor of chemistry, on Nov. 15 in Akron.

Kathleen J. Turner, assistant professor of speech and drama, co-authored a paper, "A College Profile of Belief: Religious Expression as Portrayed in *Time* magazine, 1947-1976" which was presented at the convention of the Society for the Scientific Study of Religion, held in San Antonio, Tex., Oct. 27.

Arvind Varma, associate professor of chemical engineering, presented two papers, "Diffusion-Reaction of CO, NO and O₂ in Automotive Exhaust Catalysts" and "On Various Normalizations for Diffusion-Reaction in Catalyst Pellets" and chaired a two-part symposium on "Advances in Modeling and Analysis of Chemical Engineering Systems" at the American Institute of Chemical Engineers' annual meeting held in San Francisco, Nov. 25-29.

advanced studies

special notice

Faculty Research Fund (FRF) Program for 1979-80

The University Committee on Research and Sponsored Programs announces that the University has made the sum of \$21,000 available for support of faculty projects which give promise of excellence in their fields of scholarship but which have not yet been developed in a form eligible for support by federal or private agencies and foundations. Awards will be made on the basis of a competition open to all members of the teaching and research full time faculty. Proposals may describe activity in the areas of scholarly research, development, artistic creation and performance. The Faculty Research Fund is a "seed grant" program and may include the following kinds of activity:

- (1) "proof of concept" projects to articulate or define the conceptual framework of a scholarly project,
- (2) "problem formulation" projects to determine and specify the form of a solvable problem,
- (3) "exploratory" projects to investigate alternative methods or sources of information relevant to the solution of an already identified problem,
- (4) "pilot" projects to obtain the preliminary data necessary to qualify a nearly mature idea for outside support.

Eligibility and Amount of Awards

Projects initiated by any member of the full-time teaching and research faculty are eligible except for (1) continuation of projects previously supported by funds from federal or private sources outside the University; (2) transition from a project supported by outside funds to a closely related successor; and (3) supplementation of mature on-going projects.

Award amounts will not be limited. No faculty member may apply for more than one project. Although emphasis in this program is on initiation of research, and hence young unestablished faculty will be given priority, established faculty with new ideas are encouraged to participate.

Proposal Format

Each proposal must include the following information.

- (1) a full vita, including an itemization of all previous support from campus and off-campus sources (for all faculty involved in the project).

- (2) A proposal narrative which describes the purposes of the project and the means and materials to be used in pursuing those purposes.
- (3) Identification of a program, agency or foundation which may plausibly support a mature form of the proposed project, while not mandatory, would be a desirable feature.
- (4) To the extent possible, proposals to the FRF should follow the format required by the program, agency or foundation mentioned in Item No. 3.
- (5) Budget restriction. It is important to note that this fund is intended to assist faculty who need "a start" in organized research. It is not to be used as additional revenue for on-going research, nor for support of scholarly activity that may be or has been funded via an outside sponsor, the Biomedical Research Support Grant Fund or similar programs. The fund is not intended for subvention of activities such as conventions, publication costs of books, domestic and international travel to scholarly conferences, etc. Any summer salary for faculty is to be limited to one-ninth of the academic year salary.
- (6) Budget. Proposals must include a completed "Internal Budget" in standard University of Notre Dame form. Proposals must include completed and signed copies of the multi-leaf University "Form for Routing Proposals." Where possible, proposals should include budgets in the form required by a potential sponsor using appropriate rates for all salary items. Indirect costs at the rate of 10% of direct costs are to be included in the amount requested.
- (7) Face page and abstract. Each proposal must include a standard University of Notre Dame face page or the equivalent information in a form required by a potential sponsor. Each proposal must be accompanied by an abstract, of from 100 to 200 words, summarizing the project and its potential significance in language intelligible to academic reviewers not in the department, discipline or field of the project.
- (8) Listing of current and past support from University sources. A listing of current and past support for research, education and service programs from University sources for the last five years is to be included. Failure to provide this information may delay consideration of a proposal.
- (9) Length and number of copies. Proposal narratives should not exceed ten double spaced pages in length. Authors are responsible for delivery of ten copies of the complete proposal to the Office of Advanced Studies, Division of Research and Sponsored Programs (OAS, DRSP) by the deadline.
- (10) Deadline. Proposals must be submitted to OAS, DRSP no later than 5 p.m., February 1, 1980. Successful applicants will be notified by February

29, 1980. Projects may begin on or after March 7, 1980. Final reports are due no later than April 30, 1981.

Conditions of award

In accepting an award from the FRF program, a member of the faculty agrees to conform to established practices and procedures concerning sponsored program activity and to submit a final report to OAS, DRSP no later than April 30, 1981. This report will normally take the form of a proposal requesting continued support of the project by an off-campus program, agency or foundation.

notes for principal investigators

National Aeronautics and Space Administration Funding Stability for College and University Projects

NASA has recently re-emphasized its policy "to provide stability for university projects of a continuing nature by suitable long-term funding arrangements and timely renewal."

Of particular importance is the establishment of a "continuing award" technique. Under this arrangement NASA obligates funds to support an effort for a one-year period, and states an intention to support approximate levels of effort for an additional period of time provided funds are available and the results achieved warrant further support within the context of agency programs. The initial proposal serves as the basis for the entire award; therefore, only a brief proposal is required annually for an increase in funding and an extension of the period of performance. Reductions in decision-time and paperwork are expected to result in those cases where NASA finds it possible to use this technique.

Other methods which will be used to achieve maximum continuity and reduction of the paperwork burden include:

- Avoiding short funding periods of less than 12 months
- Minimizing the content requirements for renewal proposals
- Renewing projects prior to the ending date
- Extending ongoing efforts by amending existing agreements
- Making some awards for an initial 18 month period.

information circulars

Additional information on all circulars listed below

may be obtained by calling the following extensions:

Extension 7432, for information on federal government programs.

Extension 7433, for information on private foundations, corporations and state agencies.

National Institute of Law Enforcement and Criminal Justice Unsolicited Research Program

No. FY80-93

The specific goal of this program is to fund a limited number of research proposals that are not necessarily designated as priority areas in the Institute Program Plan but which address significant criminal justice issues, are of sound methodological design and have potentially important implications for criminal justice policy, practice, research and/or theory. The NILECJ continues to be interested in projects that address problem areas of traditional importance, are submitted from researchers of known criminal justice expertise, will utilize established methodologies and are primary data-collection projects with broader research objectives. Nevertheless, under this program we encourage proposals of the following type:

- a) Relatively small research projects for which there are few alternative funding mechanisms;
- b) Projects conducted by qualified researchers who are relatively new to the criminal justice field;
- c) Research projects with innovative methodological approaches to criminal justice problems;
- d) Basic or applied research on interdisciplinary subject areas relevant to criminal justice;
- e) Exploratory studies in criminal justice areas in which there has been little previous work; and
- f) Research aimed at developing practical applications to criminal justice problems.

Department of Energy Fossil Energy Faculty and Graduate Student Research Participation Program

No. FY80-94

Program

The Fossil Energy Program of the Department of Energy invites faculty and graduate students to submit applications immediately for cooperative participation in advance research and development programs during the summer of 1980 at the DOE Energy Technology Centers in Bartlesville, Oklahoma; Morgantown,

West Virginia; Pittsburgh, Pennsylvania; and Carbondale, Illinois.

Nature of Appointments:

An important criterion is the relevance of candidate's investigative interests to one or more of the research areas at the centers. Contact the Office of Advanced Studies, Division of Research and Sponsored Programs, for a detailed listing of areas of interest.

Stipend:

1. Faculty: Monthly stipends are negotiable, based on, but not to exceed regular salaries, plus \$75 per month for dependents.
2. Graduate Students: (Summer) \$150 per week.
3. Graduate Students: (Thesis Research) Annual, \$4,000. Allowance is allowed for dependents.

Deadline:

February 4, 1980.

Application Materials and Information May be Obtained From:

Oak Ridge Associated Universities
University Programs
Fossil Energy Research Participation
Post Office Box 117
Oak Ridge, Tennessee 37830
Telephone: (615) 576-3428

**U.S. Arms Control and
Disarmament Agency
Hubert H. Humphrey Doctoral Fellowships
in Arms Control and Disarmament**

No. FY80-95

Program:

The Hubert H. Humphrey Doctoral Fellowships are intended to stimulate interest in the study of arms control in universities around the country by supporting unclassified doctoral dissertation research in the field. Students in a wide range of academic disciplines -- including, but not limited to, political science, law, economics, sociology, psychology, physics, chemistry, biology, engineering, philosophy, public policy, operations research, and area or regional studies, may apply. Dissertation research proposals should be designed to contribute to the better understanding of current and future arms control and disarmament issues.

Eligibility:

The program is open only to applicants who are citizens or nationals of the United States at the time of application and who, by the date the fellowship begins, will have completed all academic requirements for the doctorate, except the dissertation.

Tenure:

Twelve months.

Stipend:

\$4,600.

Deadline:

March 15, 1980.

For Application Materials Write:

Hubert H. Humphrey Fellowship Program
Office of Public Affairs
U.S. Arms Control and Disarmament Agency
Washington, D.C. 20451

**Houghton Mifflin Company
Houghton Mifflin Literary Fellowships**

No. FY80-96

Program:

To provide aid to unpublished authors to complete projects of exceptional merit in either non-fiction or fiction.

Eligibility:

Works in progress (minimum of fifty pages) as well as completed manuscripts. Candidates must submit double-spaced typewritten manuscripts in English.

Stipend:

\$10,000; \$7,500 is to be considered an advance against royalties.

Deadline:

None.

For Further Information Contact:

Houghton Mifflin Literary Fellowships
Houghton Mifflin Company
2 Park Street
Boston, Massachusetts 02107
Telephone: (617) 725-5000

**Columbia University in the City
of New York
Senior Fellowships in the Humanities**

No. FY80-97

Program:

The Columbia Society of Fellows in the Humanities will appoint two Senior Fellows in the humanities for the academic year 1980-1981. Awards will be made to scholars who have been teaching as full-time faculty for at least five years and have at least one significant publication to their credit. Preference will be given to candidates qualified for tenure but for whom a tenured position does not exist.

Stipend:

\$19,500 for twelve months plus faculty benefits.

Tenure:

Appointments will normally be renewed for a second year, with the possibility of a third year.

Nomination:

Candidates must be nominated by the chairmen of their departments or by an appropriate interdepartmental committee, either at Columbia or at their present institution.

For nomination procedure, contact the Office of Advanced Studies, Division of Research and Sponsored Programs.

Deadline:

Nominations and supporting materials must be received no later than January 15, 1980.

current publications and other scholarly works

ARTS AND LETTERS
HUMANISTIC AND SOCIAL STUDIES

General Program of Liberal Studies

Schindler, David L.

D.L. Schindler. 1979. Whitehead's challenge to Thomism on the problem of God: The metaphysical issues. International Philosophical Quarterly 19: 285-299.

Sociology and Anthropology

O'Neill, Carl W.

C.W. O'Neill. 1979. Review of C.D. Spielberger and R. Diaz-Guerrero, eds. Cross-Cultural Anxiety. The Journal of Psychological Anthropology 2(2):258-261.

SCIENCE

Chemistry

Amphlett, Godfrey W.

G.W. Amphlett, R. Byrne and F.J. Castellino. 1979. The binding of calcium to the activation products of bovine factor IX*. Journal of Biochemistry 254(14):6333-6336.

Castellino, Francis J.

F.J. Castellino. 1979. Aspects of the structure and activation of human plasminogen. Pages 299-313 in, D.J. Bing; ed. The Chemistry and Physiology of the Human Plasma Proteins. Pergamon Press, New York.

G.W. Amphlett, R. Byrne and F.J. Castellino. 1979. The binding of calcium to the activation products of bovine factor IX*. Journal of Biochemistry 254(14):6333-6336.

Fessenden, Richard W.

*H. Shimamori and R.W. Fessenden. 1979. Electron attachment to N₂O at pressures near one atmosphere. Journal of Chemical Physics 71(7):3009-3015.

Thomas, J. Kerry

*J.K. Thomas. 1979. Chemical processes induced radiolytically in well defined aqueous systems. International Journal of Radiation Oncology Biology

ical Physics 5(7):1049-1054.

Trozzolo, Anthony M.

*A.M. Trozzolo, A.S. Sarpotdar and T.M. Leslie. 1979. Solid state photochemistry of aziridines and oxiranes ^{1,2}. Molecular Crystals and Liquid Crystals 50:201-212.

* Under the Radiation Laboratory

BUSINESS ADMINISTRATION

Accountancy

Cullather, James L.

J.L. Cullather. 1979. Perks and paychecks. America 141(11):216-217.

Misiewicz, Kevin M.

K.M. Misiewicz and R.F. Bebee. 1979. Cash and Accrual Methods of Accounting. The Bureau of National Affairs, Inc. 94 pp.

Ricchiute, David N.

D.N. Ricchiute. 1979. Review of A. Montgomery's, Financial Accounting Information. The Accounting Review 54(4):854-855.

Marketing Management

Stock, James R.

J.R. Stock, B.J. LaLonde and D.M. Lambert. 1979. The distribution executive - an emerging professional. Pages 62-75 in, Handling and Shipping Management Presidential Issue.

LAW

Smithburn, J. Eric

J.E. Smithburn. 1979. Sentencing for Justice Court Judges. Mississippi Judicial College for Mississippi Trial Judges.

RADIATION LABORATORY

Scaiano, Juan C.

M.V. Encinas and J.C. Scaiano. 1979. Interaction between photogenerated biradicals and free radicals: Di-tert-butyl nitroxide. Journal of Photochemistry 11:241-247.

closing dates for selected sponsored programs

Proposals must be submitted to the Office of Research and Sponsored Programs seven (7) calendar days prior to the deadline dates listed below.

Agency	Programs	Application Closing Dates
Corporation for Public Broadcasting	Inservice Training	January 18, 1980
National Institute of Education	Research in Education (teaching and learning)	January 21, 1980
National Science Foundation	Scientific Research Support (ecology, population, physiology and systematic biology)	January 28, 1980
Office of Education	Arts Education Program	January 28, 1980
Office of Education	Cooperative Education Program	January 16, 1980
Office of Education	Gifted and Talented Children's Education Program	January 25, 1980
Office of Education	Women's Educational Equity Act Program	January 21, 1980

documen- tation

faculty committee for university libraries minutes october 15, 1979

Present:

Harvey A. Bender, Vincent P. DeSantis, Gerald L. Jones, John W. Lucey (chairman), John R. Malone, Robert C. Miller, James Robinson

The minutes of the Sept. 17 meeting were unanimously approved.

Considerable time was spent on discussion of the Oct. 18 meeting of the Academic and Faculty Affairs Committee of the Board of Trustees, for which the libraries are on the agenda. Bender and DeSantis will be in attendance at the meeting as elected members of that body, and Lucey and Miller will attend the same meeting as representatives of the libraries.

Miller announced that Jeff Gardner of the Association of Research Libraries will be on campus on Dec. 3 (rather than Nov. 26) and will meet with the FCUL at 3:30 p.m. on that day.

During a brief general discussion of the five-year development plan for the libraries, low, moderate and high priorities were discussed. Ways and means of possible funding were also discussed. It was agreed that at the next meeting an item-by-item discussion will be begun.

The next meeting is scheduled for Nov. 19, 1979 at 3:30 p.m.

The meeting adjourned at 5:15 p.m.

notre dame report

An official publication of the University of Notre Dame, Department of Information Services. Individual copies are available in the Notre Dame Hammes Bookstore at 50 cents each. Mail subscriptions are \$10 per year. Back copies are available through the mail at 70 cents each.

Christopher J. Meehan, Editor
Printing and Publications Office
415 Administration Building
Notre Dame, Ind. 46556
(219) 283-1234
